



**Resource Management Commission**

Request for Letter of Intent for *Pfluger Associates Architects*

January 20, 2009

Vote: 4-1-0-2-0

**Motion by:** F. Cohagan

**Second by:** L. Cunningham

**For:** C. Herbert, R. Amato

**Against:** J. Logan

**Abstain:** 0

**Absent:** A. Hardberger, G. Hsieh

**Vacant:** 0

**Motion:** Passed

The Resource Management Commission supports the City's Commercial Energy Efficiency Programs and recommends that the City Council approve the issuance of a Letter of Intent in the *amount of \$100,000* for the installation of a solar photovoltaic system for *Pfluger Associates Architects* located at *209 E. Riverside Drive in Austin, Texas, 78704*. The *total installed cost* is estimated to be *\$198,246.31*. The *rebate will cover approximately 50%* of the installed cost. The rebate level for this project is *\$4,500 per kW*. The solar equipment, which meets all Austin Energy program requirements, includes a total of *144 solar modules rated at 170 watts each, and the associated inverter is rated at 94.5% efficiency*. A total of *20.3 kW in demand savings* is expected.

This energy improvement will *save an estimated 31,296 kWh per year* and produce an estimated *31 Renewable Energy Credits* per year. These savings are equivalent to:

Planting <i>693 trees or 35 acres of forest</i> in Austin's parks.
The <i>removal of 35,509 vehicle miles or 4 cars</i> from Austin's busy roadways.
This project will <i>effectively provide electricity to 3 average homes</i> in Austin for a year.
This project will <i>save 20.2 tons of Carbon Dioxide (CO<sub>2</sub>); 25.5 pounds of Sulfur Dioxide (SO<sub>2</sub>); 28.2 pounds of Nitrogen Oxide (NOX), and 20 pounds of Carbon Monoxide (CO)</i> from being emitted into Austin's atmosphere.

The Commercial Energy Efficiency programs are elements of Austin Energy's comprehensive effort to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

This effort will provide Austin Energy with a constructive market transformation opportunity while adding a value-added service to encourage customer retention. This project will be funded within currently approved budget funding levels for commercial conservation rebate budget; therefore there is no anticipated fiscal impact.

Approved, Christine Herbert, Chair

January 20, 2009